

**CUSTOMIZED MESH PLANE, METHOD AND COMPUTER PROGRAM  
PRODUCT FOR CREATING CUSTOMIZED MESH PLANES WITHIN  
ELECTRONIC PACKAGES**

Abstract of the Disclosure

- 5           A method, apparatus, and computer program product are provided for  
creating customized mesh planes in electronic packages. Electronic  
package physical design data is received and signal traces in each adjacent  
plane to a mesh plane are compared with the mesh layout. Signal traces  
adjacent to mesh holes are identified. One or more fill methods are selected  
10       to modify the mesh layout to replace selected mesh holes with added mesh  
structure aligned with the identified signal traces.